

# UniBox U-50

## Network Access and Bandwidth Controller



UniBox is an intelligent access controller or hotspot gateway that provides complete control on your wireless network. UniBox allows network administrators to centrally manage wired and wireless networks, avoid unauthorized access and track real-time activity on the network.

UniBox U-50 comes with a captive portal engine, bandwidth control, policy manager, URL tracker, billing system, voucher management, URL filtering, reporting and advertisement engine. UniBox can be operated in stand-alone or remote RADIUS mode where it seamlessly interfaces with WIFILAN Cloud hotspot manager.

UniBox U-50 belongs to a family of UniBox controllers that is specially designed for managing network access in small venues like cafes, restaurants, small hotels/inns, training institutes, small offices and public Wi-Fi hotspots. U-50 is capable of handling 50 concurrent user sessions and is built on reliable Linux platform to provide high availability and performance for small-sized networks.

### Features & Specifications

#### Hotspot Gateway

- Deployed as wireless hotspot gateway
- All-in-one hotspot appliance
- Captive Portal Redirection
- AAA(RADIUS) authentication
- On-board user management
- Multiple login methods

#### Bandwidth Control

- Upload and download rate limiting
- Group-based bandwidth control
- Prioritize packet based on traffic rules
- Daily quota on users and groups
- Bandwidth shaping based on user load

#### Policy Manager

- Implement fair usage policy on user groups
- Time of day/day of week access rules
- Vary user speed based on current load
- Contention ratio based bandwidth allocation
- Variable bandwidth policy
- Re-login Policy

#### BYOD Appliance

- BYOD implementation
- BYOD device on boarding
- Intuitive self-service portals for users
- Auto MAC binding to approved BYOD devices
- Group-based private server pools
- Isolate guest traffic from private network

### CAPTIVE PORTAL



### HOTSPOT BILLING



### SOCIAL MEDIA



# UniBox U-50

## PMS INTEGRATION



## SMS INTEGRATION



## RECIPT PRINTER



### Captive portal

- Click and customize captive portals
- Over 17 different login methods
- Locally hosted captive portal
- Two-factor/SMS/OTP login
- Social Media Logins
- Mobile friendly designs

### Reporting

- Data usage reports
- CDR/Session History
- Site visited & top websites
- Real time System Reports
- Online Users
- Social Media Analytics

### Miscellaneous

- Hotspot Advertisement (Hotspotclicks)
- Voucher receipt printer
- Social media integration
- AP Management (UniMax only)
- Device Monitoring & Alerts
- WISPr Compliant
- Diagnostics Tools

### Networking

- Static & Dynamic Routing
- DNS & DHCP Server
- Layer 2 isolation
- VLAN Tagging
- SNMP v2c support
- NTP (RFC 1305) support

### Environmental

- Operating Temperature : 5 C to 50 C
- Non-condensing Humidity : 8% - 90%
- Fanless Design

### Dimensions

- Form Factor: Standalone
- Physical Dimensions: 176 x 174 x 30 mm
- Net Weight: 500 gms or 1.1 lbs

### Hotspot Billing

- Leading payment gateway integration
- Voucher Management System
- PayPal integration
- Automated Email Templates
- PMS integration
- Revenue Reports

### Legal Compliance

- Two-factor (SMS) authentication
- URL capture and logging
- User session tracking & logging
- Group based content filtering
- Audits Reports
- Remote Syslogs

### Interfaces

- 1 LAN Port (RJ-45) – Gigabit Rx/Tx
- 1-2 WAN Port (RJ-45) – Gigabit Rx/Tx
- Optional Service(RJ-45) – Gigabit Rx/Tx
- 3G/4G mobile broadband USB/Mini PCI (optional)
- 2 USB Ports

### Power Rating

- Input Voltage : 12V DC, 2 A
- Power Consumption : 5W
- Heat Dissipation : 300 BTU

### Compliance

- CE Emission
- FCC Class A, RoHS

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